

ENGINE BLOCKS

| ENGINE GROUP PART NUMBER | 302 FORD M-6010-R302* | 302 FORD M-6010-S302* | 5.0L HO/302* M-6010-B50* | 351 FORD M-6010-B58* | 351 FORD M-6010-M351* | 351 FORD M-6010-N351* |
|-----------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------|-------------------------|--------------------------|--------------------------|
| Description/Intended Usage | Professional Competition | Professional Competition | Amateur Competition | Amateur Competition | Professional Competition | Professional Competition |
| Block Material | Cast Iron | Cast Iron | Cast Iron | Cast Iron | Cast Iron | Cast Iron |
| Nominal Deck Height | 8.206" | 8.700" | 8.206" | 9.500" | 9.200" | 9.500" |
| CID Capacity | 363 | 380 | 347 | 408 | 408 | 434 |
| Cylinder Design | Siamese | Siamese | Non-Siamese | Non-Siamese | Non-Siamese | Non-Siamese |
| Cylinder Bore Range | 4.000-4.125" | 4.000-4.125" | 4.000-4.030" | 4.000-4.030" | 4.000-4.030" | 4.000-4.030" |
| Oil Sump Design | Wet | Wet | Wet | Wet | Wet | Wet |
| Crankshaft Journal Diameter | 2.2480" | 2.2480" | 2.2480" | 3.0000" | 2.7490" | 2.7490" |
| Main Cap Bolts | Four on 2,3,4 | Four on 2,3,4 | Two | Two | Four on 2,3,4 | Four on 2,3,4 |
| Bearing Cap Material | Nodular Iron | Nodular Iron | Nodular Iron | Nodular Iron | Nodular Iron | Nodular Iron |
| Recommended Max. Stroke | 3.400" | 3.550" | 3.400" | 4.000" | 4.000" | 4.250" |
| Recommended Max. HP @ RPM | 1200@8500 RPM | 1200@8500 RPM | est. 450@6000 RPM | 700@7000 RPM | 750@8600 RPM | 750@8600 RPM |
| Rear Crankshaft Seal Type | One Piece | One Piece | One Piece | One Piece | One Piece | One Piece |
| Cam Bearing Design | M-6261-R351 Common Journal Dia. Cam Req'd. M-6261-J351 Standard Cam | M-6261-R351 Common Journal Dia. Cam Req'd. M-6261-J351 Standard Cam | Std. | Std. | Std. | Std. |
| Oil Filter Mount | Block | Block | Block | Block | Block | Block |
| Hyd. Roller Cam. Compatible | Yes | Yes | Yes | Yes | - | - |

| ENGINE GROUP PART NUMBER | 351 FORD M-6010-R451* | 351 FORD M-6010-R452* | 351 FORD M-6010-V351* | 351 FORD M-6010-W351* | 460 FORD M-6010-A460* | 460 FORD M-6010-A500* |
|-----------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------|--------------------------|
| Description/Intended Usage | Professional Competition | Professional Competition | Professional Competition | Professional Competition | Professional Competition | Professional Competition |
| Block Material | Cast Iron | Cast Iron | Cast Iron | Cast Iron | Cast Iron | Cast Iron |
| Nominal Deck Height | 9.200" | 9.200" | 9.200" | 9.500" | 10.322" | 9.000" |
| CID Capacity | 427 | 427 | 427 | 454 | 598 | 537 |
| Cylinder Design | Siamese | Siamese | Siamese | Siamese | Siamese | Siamese Sleeves |
| Cylinder Bore Range | 4.000-4.180" | 4.000-4.180" | 4.000-4.125" | 4.000-4.125" | 4.360-4.600" | 4.360-4.625" |
| Oil Sump Design | Dry | Dry | Wet | Wet | Wet | Dry |
| Crankshaft Journal Diameter | 2.749" | 2.248" | 2.749" | 2.749" | 3.000" | 2.749" |
| Main Cap Bolts | Four | Four | Four on 2,3,4,5 | Four on 2,3,4,5 | Four on 2,3,4 | Four |
| Bearing Cap Material | Nodular Iron | Nodular Iron | Nodular Iron | Nodular Iron | Nodular Iron | Billet Steel |
| Recommended Max. Stroke | 4.000" | 4.000" | 4.000" | 4.250" | 4.500" | 4.000" |
| Recommended Max. HP @ RPM | 750@8600 RPM | 750@8600 RPM | 750@8600 RPM | 750@8600 RPM | 1500@8000 RPM | 1500@9000 RPM |
| Rear Crankshaft Seal Type | One Piece | One Piece | One Piece | One Piece | Two Piece | Two Piece |
| Cam Bearing Design | M-6261-R351 Common Journal Dia. Cam Req'd. M-6261-J351 Standard Cam | M-6261-R351 Common Journal Dia. Cam Req'd. M-6261-J351 Standard Cam | M-6261-R351 Common Journal Dia. Cam Req'd. M-6261-J351 Standard Cam | M-6261-R351 Common Journal Dia. Cam Req'd. M-6261-J351 Standard Cam | Std. | Roller |
| Oil Filter Mount | Remote | Remote | Remote | Remote | Block | Remote |
| Hyd. Roller Cam Compatible | Yes | Yes | Yes | Yes | - | - |

CAMSHAFT BEARINGS

M-6261-R351* 351 Ford Racing Blocks
Common outer and inner diameter replacement cam bearings for use in M-6010-R302/S302/R351/R352/S351/V351/W351/R451/R452/R453. Use with custom ground common OD camshaft.

M-6261-J351*
Common outer diameter service replacement cam bearings for Ford Racing 302 and 351 aluminum cylinder blocks and M-6010-R302/S302/R351/R352/S351/V351/W351/R451/R452/R453 cast iron blocks. Use with standard camshaft.



M-6261-R351 shown

OIL GALLERY RESTRICTOR KITS

M-6799-A302* 289/302/351W
M-6799-R351* 351 Ford Racing
M-6010-R351/R352/
S351/V351/W351
Increases oil flow to main bearings by reducing oil to valve train.



M-6799-A302 shown